CORRES CONTROL
OUTGOING LTR NO

9L RF 4781

DIST	LTR	ENC
BENJAMIN A		
BRETZKE, J C		
BURLINGAME, A H		
COPP R D		
CROUCHER D W		
DAVIS J G		
EVERED J E	X	X
FERRERA, D W		
FERRIS, L R		
FRAIKOR, F J		
FRANCIS, G E		
GOODWIN, R		
HANNI B J		
HEALY T J		
IDEKER, E H		
JENS, J P		
KERSH J M	X	X
KIRBY W A		
KRIEG, D		
LEE E M		
MAJESTIC, J R		
MATHEWS TA A		
MAYFX G E		
McCUSKY J K		
MEURRENS B E		
MORGAN, R V	X	X
POTTER, G L	X	X
PIZZUTO V M		
SAFFELL R E		
SANDLIN N B		
SWANSON, E R		
WIEBE J S		
WILKINSON R B		
WILSON J M		
YOUNG E R		
ZANE J O		
D FERRIER	X	X
F GUADAGNOLI	X	X
E HOBBS	X	X
D PIERSON	X	X
M TOWNSEND	X	X
S TIRKNOR	X	X
CORRES CONTROL	X	X
TRAFFIC		

CLASSIFICATION

UCNI		
UNCLASSIFIED	X	X
CONFIDENTIAL		
SECRET		

AUTHORIZED CLASSIFIER SIGNATURE

8-21-91
DATE

IN REPLY TO LTR NO 9116

LTR APPROVALS

ORIG & TYPIST INITIALS

000019265

EG&G ROCKY FLATS

EG&G ROCKY FLATS, INC
ROCKY FLATS PLANT P O BOX 464 GOLDEN COLORADO 80402 0464 (303) 966-7000

August 16, 1991

91-RF-4781

Robert M Nelson, Jr
Manager
DOE, RFO

MONTHLY UPDATE ON STATUS OF PONDCRETE OPERATIONS - JMK-0448-91

Attn J D Wienand

Attached is a status report for Waste Repacking and Solidification (WR&S) from June 27, 1991 through July 26, 1991 Upon your approval, please forward this report to the Colorado Department of Health Copies are also to be provided to the Environmental Protection Agency and the Rocky Flats Environmental Monitoring Council

If there are any questions concerning the report, please contact J D Roberts 966-6129, J F Guadagnoli at 966-4885, or D R Pierson at 966-7100

J M Kersh
Associate General Manager
Environmental & Waste Management

DRP cjv

Orig and 3 cc - R M Nelson, Jr

Attachment
As Stated

DOCUMENT CLASSIFICATION REVIEW WAIVER PER CLASSIFICATION OFFICE

ADMIN RECORD

A 0011 000154

Attachment. 1
91-RF-4781

FOR PONDCRETE OPERATIONS
JUNE 27, 1991 THROUGH JULY 26, 1991

BUILDING 788

Approximately 207,525 gallons of liquid were transferred from the 207B North pond to Building 374 Liquid Waste Operations during the reporting period Approximately 139,600 gallons of liquid were pumped from 207B North pond to 207B South pond

STORAGE PAD 750

There were three spills found during the ongoing inspections of the pad during the month Two of the spills were saltcrete dry material and were less than one pound One spill was liquid pondcrete and was less than one pint All of the spills were contained and cleaned up. Approximately 52,556 gallons of runoff liquid were pumped and transferred by truck to Building 374 Liquid Waste Operations

STORAGE PAD 904

Approximately 83,550 gallons of runoff liquid were pumped and transferred by truck to Building 374 Liquid Waste Operations There were no spills found during the ongoing inspections of the pad during the reporting period

Attachment 2
91-RF-4781

904 AND 750 WR&S STORAGE AREAS
RESULTS FROM ANALYSIS OF GRAB SAMPLES

Analytical results from analysis of grab samples collected at the 750 and 904 Pondcrete storage areas are summarized below This report includes all data for which analytical results were available from June 27, 1991 through July 26, 1991 The plant guide for Nitrate discharges is 10 mg/l, for gross Alpha is 40 pCi/l, and for gross Beta is 50 pCi/l Also included are the Cyanide, Cadmium, and Ammonia results upon availability

TABLE 1
750 CULVERT

SAMPLE DATE	NITRATE mg/l	GROSS ALPHA pCi/l	GROSS BETA pCi/l	TOTAL DISSOLVED SOLIDS (mg/l)
06/07/91	4 31	5±3	2±5	460
06/13/91	4 03	3±2	5±2	401
06/26/91	1 79	5±2	6±2	348
07/03/91	2 94	5±2	6±2	418
07/10/91	2 15	5±2	9±2	432

TABLE 2
750 PAD PUDDLE

SAMPLE DATE	NITRATE mg/l	GROSS ALPHA pCi/l	GROSS BETA pCi/l	CYANIDE mg/l	CADMIUM µg/l	AMMONIA mg/l	TOTAL DISSOLVED SOLIDS (mg/l)
06/02/91	3 75	0 9±0 5	11±1	<0 003	3 6	0 33	15
06/03/91	0 40	5±1	11±1	<0 003	3 7	0 25	73

TABLE 3
904 PAD PUDDLE

SAMPLE DATE	NITRATE mg/l	GROSS ALPHA pCi/l	GROSS BETA pCi/l	CYANIDE mg/l	CADMIUM µg/l	AMMONIA mg/l	TOTAL DISSOLVED SOLIDS (mg/l)
06/01/91	1 02	1±1	16±1	<0 003	6 6	1 78	27
06/02/91	0 41	0 5±0 4	6±1	<0 003	3 2	0 47	76
06/03/91	1 70	10±1	28±2	<0 003	10 0	2 34	94
06/07/91	1 15	0 7±0 4	5±1	<0 003	5 5	0 86	12

These data were gathered as part of the routine environmental monitoring conducted by Environmental Management to screen runoff waters from the pads. Care must be used in any interpretation of these data, which are derived from grab samples taken in a dynamic system